

[Web Images Videos Maps News Shopping Gmail more ▼](#)
[Scholar Preferences](#) | [Sign in](#)

Google scholar

test and notification and "user context"

Search

[Advanced Scholar Search](#)

Scholar

[Articles and patents](#)
[anytime](#)
[include citations](#)

[Create email alert](#)

Results 1 - 100 of about 1,030. (0.63 sec)

Context-aware notification for wearable computing

[\[PDF\] from psu.edu](#)

N Kern, B Schiele - 2003 - computer.org

... It is of quite different nature from the other four since it is mostly unrelated to the **user's context**. ...For the **notification** experiment the likelihoods are used for combining the tendencies. ... To show the performance, we evaluated the above classification scheme on a **test**-database. ...
[Cited by 50](#) - [Related articles](#) - [All 18 versions](#)

Using context-aware computing to reduce the perceived burden of interruptions from mobile devices

[\[PDF\] from psu.edu](#)

J Ho, SS Intille - Proceedings of the SIGCHI conference on Human ..., 2005 - portal.acm.org

... with 94.6% accuracy in a pilot study with the experimenter as the **test** subject [18 ... Kern [18] Valueof the **notification** Self-annotation of the value of a **notification** ... for incoming messages, perhaps in combination with other information about the message content and **user context**. ...
[Cited by 96](#) - [Related articles](#) - [BL Direct](#) - [All 20 versions](#)

Classifying user environment for mobile applications using linear autoencoding of ambient audio

[\[PDF\] from uka.de](#)

RG Malkin, A Waibel - Acoustics, Speech, and Signal ..., 2005 - ieeexplore.ieee.org

... silent mode if the user is in a restaurant or theater, or halting **notification** entirely if ... Clarkson andPentland studied **user context** awareness using audio, video, and other sensory streams [2] [3],[4 ... To help ensure the predominance of ambient sound in the training and **test** sets, we ...
[Cited by 15](#) - [Related articles](#) - [All 7 versions](#)

Context-aware workflow management

[\[PDF\] from psu.edu](#)

L Ardissono, R Fumari, A Goy, G Petrone, M Segnan - Web Engineering, 2007 - Springer

... In order to provide a more concrete idea of the service-**user context**, we briefly describe its representation within ... application requests the appointment with the lab (requestLabApp(patient, date)), by invoking the Blood **Test** Lab Service¹, which returns a **notification** of the ...
[Cited by 16](#) - [Related articles](#) - [BL Direct](#) - [All 12 versions](#)

[PDF] An intelligent notification system

[\[PDF\] from psu.edu](#)

V Bazinette, NH Cohen, MR Ebling, GDH Hunt, ... - IBM Research Report ..., 2001 - Citeseer

... In our example, the firing condition "headline LIKE '%PQR%'" would **test** whether the word ... the information glut to our advantage by analyzing data about the **user's context** and using it ... TheIntelligent **Notification** System turns the monitoring of Internet data from a time-consuming ...
[Cited by 17](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)
[\[PDF\] from psu.edu](#)

[PDF] A survey of context-aware mobile computing research

G Chen, D Kotz - 2000 - Citeseer

... Computing context, such as network connectivity, communication costs, and communication bandwidth, and nearby resources such as printers, displays, and workstations. • **User context**, such as the user's profile, location, people nearby, even the current social situation. ...

Cited by 1356 - [Related articles](#) - [View as HTML](#) - [All 71 versions](#)

Toward context-aware computing: Experiences and lessons

[\[PDF\] from psu.edu](#)

J Anhalt, A Smailagic, DP Siewiorek, F ... - IEEE Intelligent ..., 2001 - computer.org

... recommendations if he or she doesn't want to wait for the Activity-Recommendation Agent's

notification. ... The sensor requires only a single **test**, which it can save for use in later ... Ozan Cakmakci use body-mounted sensors to determine a user's activity and infer the **user's context**. ...

Cited by 55 - [Related articles](#) - [BL Direct](#) - [All 24 versions](#)

Storing and accessing user context

S Riché, G Brebner - Mobile Data Management, 2003 - Springer

... We intend to **test** the validity of our approach, and our assumptions, by simulating anticipated user access patterns, and ... The architecture intends to ease the **notification** of changes in the infrastructure and the gathering of information ... Storing and Accessing **User Context** 11 ...

Cited by 17 - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

[PDF] An intelligent user service architecture for networked home environments

[\[PDF\] from psu.edu](#)

C Magerkurth, R Etter, M Janse, J Kela, O ... - Proceedings of the 2nd ..., 2006 - Citeseer

... A user **notification** profile defines which level of intensity is appropriate in which **user context**.

Available context parameters are for example the availability of the user that is to be notified, the location of the user that is to be notified, and the co-presence of other persons. ...

Cited by 13 - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

Context-aware privacy protection with profile management

[\[PDF\] from assembla.com](#)

A Mitseva, M Imine, NR Prasad - Proceedings of the 4th ..., 2006 - portal.acm.org

... protection for any type of fine-grained user sensitive data with profiles of the **user, context**, scenario and ... registering at the administration desk and at the doctors office, • electronic billing, • scheduling appointments, • **test results notification**, • prescription downloading, etc ...

Cited by 11 - [Related articles](#) - [All 4 versions](#)

Context awareness and adaptation in mobile learning

YK Wang - 2004 - computer.org

... Shilit [13] divided context into three categories: computing context, **user context**, and physical context. ... (b) Contextual event **notification** Learning process is mostly planed as a calendar with a lot of scheduled activities, such as lecturing, **test**, examination, homework, and so forth. ...

Cited by 60 - [Related articles](#) - [All 5 versions](#)

eWatch: context sensitive system design case study

[\[PDF\] from psu.edu](#)

A Smailagic, DP Siewiorek, U Maurer, A Rowe, KP ... - 2005 - computer.org

... User studies helped to identify appropriate **notification** schemes for mobile and office settings.

Based on **user context**, the system uses incoming email priority levels to determine whether and how to notify the user. ... development and easy deployment of different **test** scenarios. ...

[Cited by 7](#) - [Related articles](#) - [All 14 versions](#)

[\[PDF\] 9 Interactive Context-Aware Systems Interacting with Ambient Intelligence](#)

[\[PDF\] from psu.edu](#)

A Schmidt - CiteSeer

... also help to determine whether or not there is still need for this particular **notification** or if ... In these cases where even a performance of 99% is not acceptable to the **user context** can become a ... p.52] that the system becomes a natural extension to the task the following **test** can be ...

[Cited by 69](#) - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)

[A conceptual framework and a toolkit for supporting the rapid prototyping of context-aware applications](#)

[\[PDF\] from psu.edu](#)

AK Dey, GD Abowd, D Salber - Human-Computer Interaction, 2001 - informaworld.com

... It contains not only a querying mechanism but also possesses a **notification**, or callback, mechanism to allow applications to obtain input information as it occurs. ... 111 Page 16. mechanisms, **notification** mechanisms, or both, to acquire context from sensors. ...

[Cited by 1713](#) - [Related articles](#) - [BL Direct](#) - [All 37 versions](#)

[\[PDF\] Enabling context-aware services for mobile users](#)

[\[PDF\] from iadis.net](#)

J Riekki, O Davidyuk, J Forstadius, J Sun, J ... - Submitted to the IFIP, ... - iadis.net

... user entering certain contexts and changes the phone's profile accordingly whenever it receives such a **notification**. The **user context** is based on the location, calendar, and device profile information. ... The university's premises covered by WLAN are used as the **test** environment. ...

[Cited by 13](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[A component architecture for an extensible, highly integrated context-aware computing infrastructure](#)

[\[PDF\] from psu.edu](#)

WG Griswold, R Boyer, SW Brown, TM ... - Proceedings of the 25th ..., 2003 - portal.acm.org

... Thus, for the purposes of this paper, we define an end- **user context**-aware application to constitute the selection ... of this method: id msgWaiting(id subject, &optional id object) which lets a rendering service **test** whether the active service has a **notification** for the subject. ...

[Cited by 59](#) - [Related articles](#) - [BL Direct](#) - [All 24 versions](#)

[The connector: facilitating context-aware communication](#)

[\[PDF\] from psu.edu](#)

M Danninger, G Flaherty, K Bernardin, HK ... - Proceedings of the ..., 2005 - portal.acm.org

... This technology is useful for user- specific audio **notification**. ... audio-visual person tracking, person identification, and speech recognition, are used to model users and describe **user context**. ... If the minimum distance between the **test** feature vector and the ones in the database is ...

[Cited by 30](#) - [Related articles](#) - [All 10 versions](#)

[A context-aware Tour Guide: User implications](#)

[\[PDF\] from academia.edu](#)

SR Gulliver, G Ghinea, M Patel, T Serif - Mobile Information Systems, 2007 - IOS Press

... **User context**: such as location and orientation, or current social issues, etc ... both context-aware and non-context aware applications in order to determine whether the **notification** of real ... To **test** context-aware and non-context aware systems, a simple system experiment was used ...

[Cited by 10](#) - [Related articles](#) - [BL Direct](#) - [All 4 versions](#)

An architecture to support context-aware applications

[\[PDF\] from gatech.edu](#)

AK Dey, D Salber, M Futakawa, GD Abowd - 1999 - smartech.gatech.edu

... It contains not only a polling mechanism but also possesses a **notification**, or callback, mechanism to allow applications to obtain input information as it occurs. ... These attempts used servers that support both a polling mechanism and a **notification** mechanism. ...

[Cited by 81](#) - [Related articles](#) - [View as HTML](#) - [All 15 versions](#)

[PDF] Case-based situation assessment in a mobile context-aware system

[\[PDF\] from ntnu.no](#)

A Kofod-Petersen, A Aamodt - Proceedings of AIMS2003, ..., 2003 - csgsc.idi.ntnu.no

... Task Context Isa **User Context** Tag User State ... This **notification** is the set consisting of the situation with the corresponding contextual information, and the goal associated with. ... We are currently developing **test** scenarios together with Oslo Airport Gardermoen. ...

[Cited by 41](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

Groupware: some issues and experiences

CA Ellis, SJ Gibbs, G Rein - Communications of the ACM, 1991 - portal.acm.org

... Some multiuser editors provide explicit **notification** of other users' actions. ... Each approach has its advantages and disadvantages. While the first allows existing applications to be used, each user has an identical view of the application--there is no per-**user context**. ...

[Cited by 2457](#) - [Related articles](#) - [All 9 versions](#)

Context management for end user development of context-aware applications

P Korpipää, EJ Malm, I Salminen, T ... - Proceedings of the ..., 2005 - portal.acm.org

... of learning to use the tool was evaluated with a paper proto- type user **test**. ... objects are available to all applications through the Context Manager, but the **notification** is available ... The poten- tial scope of end **user context**-aware application development in mobile devices is high. ...

[Cited by 18](#) - [Related articles](#) - [All 2 versions](#)

[PDF] SOPHIE: context modelling and control

[\[PDF\] from rudibelotti.com](#)

R Belotti - Relatório Técnico, Swiss Federal Institute of ..., 2004 - rudibelotti.com

... Communication costs – Bandwidth – Resources • **User context** – Identity – Profile – Social situation ... Sensing Adaptation & **Notification** Augmentation (0,*) (0,*) (0,*) ... System to support instance methods • Exploits the OMS Pro's interface to **test** the different components Page 16. ...

[Cited by 8](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

A service-oriented middleware for context-aware applications

LO Bonino da Silva Santos, RP van ... - Proceedings of the 5th ..., 2007 - portal.acm.org

... The action (in this case, the **notification**) also depends on the **user's context**, for instance, if the ... This allows ANS to **test** if the answer changed from TRUE to FALSE (the EnterFalse part of ... The **notification** is sent to John according to his **notification** preferences and current context. ...

[Cited by 6](#) - [Related articles](#) - [All 6 versions](#)

Margin notes: Building a contextually aware associative memory

[\[PDF\] from monash.edu.au](#)

BJ Rhodes - Proceedings of the 5th international conference on ..., 2000 - portal.acm.org
... and heuristics for building "remembrance agents," applications that watch a **user's context** and proactively ... From a design standpoint, the most important difference between **notification** software and RAs ... This delay proved unacceptable to **test** users, especially for long documents ...
[Cited by 125](#) - [Related articles](#) - [All 11 versions](#)

[Introducing the user to the service creation world: concepts for user centric service creation, personalization and notification](#) [\[PDF\]](#) from uel.ac.uk

J Caetano, P Santos, P Justino, LW Goix, ... - 16th IST Mobile & ..., 2007 - dspace.uel.ac.uk
... users) to contribute new base services (after a suitable conformance **test** has been ... for resource discovery is the location and exploitation of resources relevant to the **user's context**. ... a user centric platform, ie service creation, personalization, execution, and **notification** of services ...
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[Smart instant messenger in pervasive computing environments](#)

[\[PDF\]](#) from psu.edu

CF Law, X Zhang, SM Chan, CL Wang - Advances in Grid and Pervasive ..., 2006 - Springer
... 2. Sequence diagram showing adaptive presence **notification** process ... When a **user's context** is inquired by a buddy as presence information, her context is encapsulated in ... To **test** the performance, we evaluate the responsiveness and memory consumption with the increase of ...
[Cited by 5](#) - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)

[Service platform for rapid development and deployment of context-Aware, mobile applications](#)

[\[PDF\]](#) from utwente.nl

S Pokraev, J Koolwaaij, M van Setten, T Broens... - 2005 - computer.org
... The context manager is also responsible to update the **notification** manager on changes in the ... The underlying platform retrieves services matching the criteria of the **user's context** and goal. ... the COMPASS application to reality tests in Enschede using small **test** teams, consisting ...
[Cited by 9](#) - [Related articles](#) - [All 21 versions](#)

[\[book\]](#) [Context Aware Notification in Global Software Development](#)

[\[PDF\]](#) from tuwien.ac.at

B Eckhard - 2008 - cocoon.ifs.tuwien.ac.at
... 108 5.4 Key Communications 111 5.5 **Notification** Definitions 113 5.5.1 Failed **test**-case 113 5.5.2 Daily summary of requirements that are ready to deploy
[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [Library Search](#) - [All 3 versions](#)

[Context enabled multi-CBR based recommendation engine for e-commerce](#)

P Kumar, S Gopalan, V Sridhar - e-Business Engineering, ..., 2005 - ieeexplore.ieee.org
... It also sends the values of the "Feature Weights" used, to **user context** CBR with a **notification** to update the latter's case ... Synthetic data for **user context** case base, sales and complaint transactions are generated and populated in the similar way ... Figure 6. CERE **Test** Environment ...
[Cited by 10](#) - [Related articles](#)

[\[PDF\]](#) [Context management in an agent-based approach for service assistance in the domain of consumer electronics](#)

[\[PDF\]](#) from psu.edu

J Schirmer, H Bach - Proceedings of the 2000 Conference on Intelligent ..., 2000 - Citeseer
... time and opening hours, and other environmental information are often considered added value information, which constitutes the actual **user context**. ... **notification** filter ... First **test** drives have shown the usefulness of the CONJURER mechanisms and interface, as is the case for ...

[Cited by 7](#) - [Related articles](#) - [View as HTML](#) - [All 8 versions](#)

MyExperience: a system for in situ tracing and capturing of user feedback on mobile phones

[\[PDF\]](#) from [usenix.org](#)

J Froehlich, MY Chen, S Consolvo, B ... - Proceedings of the ..., 2007 - portal.acm.org

... access to a multitude of sensor events including device usage, **user context**, and environmental ...

Notification: displays an alert with a customizable user interface, sound, vibration pattern, etc. ...

have not yet obtained a Windows Mobile 2006 device to **test** MyExperience; however ...

[Cited by 91](#) - [Related articles](#) - [All 20 versions](#)

User context component in environment services patterns

MK Bowman-Amuah - US Patent 6,954,220, 2005 - Google Patents

... 11,2005 (54) **USER CONTEXT** COMPONENT IN ENVIRONMENT SERVICES PATTERNS (75)

Inventor: Michel K. Bowman-Amuah, Colorado Springs, CO (US) (73) Assignee: Accenture LLP, Palo Alto, CA (US) (*) Notice: Subject to any disclaimer, the term of this patent is ...

[Cited by 8](#) - [Related articles](#) - [All 3 versions](#)

Polite personal agents

[\[PDF\]](#) from [psu.edu](#)

S Schiaffino... - IEEE Intelligent Systems, 2006 - computer.org

... Experimental results. Back to Top. To **test** our approach against standard personal-agent approaches, we compared our algorithm's user assistance precision with ... an interruption or a **notification**. ... Also, we currently consider only a subset of factors to characterize the **user context**. ...

[Cited by 14](#) - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)

Development of a context-aware messaging system over heterogeneous wireless networks

RH Hwang, BS Liang, CY Wang - Proceedings of the 2007 ..., 2007 - portal.acm.org

... agent is also responsible for handling control messages, such as the **notification** message of the ... between Jabber/XMPP, SMS messaging service in wireless IPv6/GSM networks according to **user's context**. ... (b) UbiMv6 Gateway (c) UbiMv6 Client Figure 8. The **test**-bed network ...

[Cited by 4](#) - [Related articles](#) - [All 2 versions](#)

Simucontext: Simply simulate context

[\[PDF\]](#) from [psu.edu](#)

T Broens, A Van Halteren - 2006 - computer.org

... **Test** specific characteristics of context sources for CA applications like subscribe/notify mechanism, connection ... enough to simulate a diversity of context sources (eg computing context, **user context**, physical context ... Users should be able to specify a **notification** condition, based ...

[Cited by 10](#) - [Related articles](#) - [All 19 versions](#)

Crl: A context-aware request language for mobile computing

[\[PDF\]](#) from [psu.edu](#)

A Chan, P Wong, SN Chuang - Parallel and Distributed Processing and ..., 2005 - Springer

... They are system languages designed to enable meta-control, flexible **user context** feedback and error ... There are two types of proxy-assignments – temporal **notification** and event **notification**. ... the Context Layer, which includes a CRL-inference engine to **test** and demonstrate the ...

[Cited by 3](#) - [Related articles](#) - [All 9 versions](#)

[\[PDF\]](#) from [uel.ac.uk](#)

A user-centric service creation approach for Next Generation Networks

JC Yelmo, JM Del Alamo, R Trapero, P ... - Innovations in NGN: ..., 2008 - [ieeexplore.ieee.org](#)
 ... **User Context** stores dynamic information about the user's current situation and context, eg location, presence, device capability, network condition ... subscription/**notification** ... world with a partially functional implementation of the OPUCE within a dedicated and customized **test** bed ...
[Cited by 10](#) - [Related articles](#) - [All 9 versions](#)

User-centric services provisioning in wireless environments

QZ Sheng, B Benatallah, Z Maamar - Communications of the ACM, 2008 - [portal.acm.org](#)
 ... charges of the process template and sends it to the user in the **notification** message (for ... The **user context** includes information related to a user (for example, preferences, calendar, and location). ...
 To **test** the applicability of our architecture, we implemented a prototype system. ...
[Cited by 9](#) - [Related articles](#) - [All 4 versions](#)

[PDF] Representing and reasoning about context in a mobile environment

[\[PDF\] from psu.edu](#)

M Mikalsen, A Kofod-Petersen - Proceedings of the First International Workshop ... - Citeseer
 ... This **notification** is the set consisting of the situation with the corresponding contextual information, and the ... New information in the current **user context** is now that the location in Spatio-temporal context is ... An indoor user **test** at Oslo Airport was carried out in the beginning of May ...
[Cited by 13](#) - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

A user-centric mobile service creation approach converging telco and IT services

[\[PDF\] from uel.ac.uk](#)

J Yu, P Falcarin, JM Del Alamo, J Sienel, ... - ..., 2009. ICMB 2009. ..., 2009 - [ieeexplore.ieee.org](#)
 ... Specifically, five groups of user information, including User Profile, **User Context** (such as location, presence ... does not actually do anything other than waiting for a **notification**; however, the ...
<http://www.telefonica.com>) has assigned a premium number to our OPUCE **test**-bed, which ...
[Cited by 4](#) - [Related articles](#) - [All 7 versions](#)

A user-oriented test suite for transport protocols comparison in datagrid context

R Guillier, PVB Primet - Information Networking, 2009. ICOIN ..., 2009 - [ieeexplore.ieee.org](#)
 ... 7] or Compound TCP [8] leverage other congestion signals (round-trip time variations, Explicit Congestion **Notification**...) to regulate ... Our **test** suite is a set of fixed scenarios, corresponding to the workloads described in Section III ... It is enough for the **user-context** we are aiming at ...
[Cited by 1](#) - [Related articles](#) - [All 2 versions](#)

Context-aware personal communication for teleliving

[\[PDF\] from psu.edu](#)

T Kanter, C Frisk, H Gustafsson - Personal and Ubiquitous Computing, 1998 - Springer
 ... advice on how to react to telephone calls in an optimal way, based on **user context** information. ...
 hej ~ From:location il To:theo ~ Subject:location **notification** I id: Henrik6 ustafssen ... This **test** bed will allow us to build and explore applications involving telepresence and local con ...
[Cited by 9](#) - [Related articles](#) - [BL Direct](#) - [All 9 versions](#)

Multimodal user interfaces for context-aware mobile applications

R Kernchen, PP Boda, K Moessner, B ... - ..., Indoor and Mobile ..., 2006 - [ieeexplore.ieee.org](#)
 Page 1. 2005 IEEE 16th International Symposium on Personal, Indoor and Mobile

Radio Communications #1568961325 Multimodal user interfaces for context-aware

mobile applications RalfKemchen , Peter Pa'l Boda2, Klaus ...

[Cited by 12](#) - [Related articles](#)

Semantic and rule based event-driven services-oriented agricultural recommendation system

Z Laliwala, V Sorathia, S ... - ... Systems Workshops, 2006 ..., 2006 - [ieeexplore.ieee.org](#)

... and to notify the end-users with precise recommendations according to **user context**, location

and ... second is to evaluate different strategies for the SOA and to **test** the capabilities of ... specifications

and mechanisms have been proposed to achieve eventing and **notification** in SOA. ...

[Cited by 15](#) - [Related articles](#) - [All 4 versions](#)

An open architecture for pervasive systems

J Indulska, S Loke, A Rakotonirainy, V Witana, ... - New Developments in ..., 2002 - Springer

... work on both application context (application requirements and its current state) and **user context**

are currently ... The use of **notification** service as the main communication paradigm within the m3 ...

the prototype and on further adaptive applications in order to fully **test** the concepts ...

[Cited by 16](#) - [Related articles](#) - [All 7 versions](#)

ACAI: agent-based context-aware infrastructure for spontaneous applications

M Khedr, A Karmouch - Journal of Network and Computer Applications, 2005 - Elsevier

... seamless concepts require a service layer in the infrastructure that is capable of delivering

functionalities such as context management, context-based service discovery, and a

communication protocol responsible for handling issues such as presence, **notification** and privacy. ...

[Cited by 80](#) - [Related articles](#) - [All 4 versions](#)

SCATEAgent: Context-Aware Software Agents for Multi-Modal Travel

M Yin, M Griss - Applications of Agent Technology in Traffic and ..., 2005 - Springer

... contributions include the design of user, preference, context and travel ontologies; **user**, **context**,

task models ... Currently, the **test**-bed uses several Java-based GPS cell phones (Motorola i58sr),

interacting with personal assistants, location and **notification** agents, which ...

[Cited by 3](#) - [Related articles](#) - [All 5 versions](#)

User-Driven Service Lifecycle Management-Adopting Internet Paradigms in Telecom Services

[\[PDF\]](#) from [tid.es](#)

J Yelmo, R Trapero, J del Álamo, J Sienel, M ... - Service-Oriented ..., 2010 - Springer

... **Service Test**. ... service which orchestrates several base services (an email service, messaging

service, a text to speech service and a **user context** service ... J., et al.: Introducing the user to the

service creation world: concepts for user centric creation, personalization and **notification**. ...

[Cited by 11](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

[PDF] Asynchronous I/O support in Linux 2.5

[\[PDF\]](#) from [psu.edu](#)

S Bhattacharya, S Pratt, B Pulavarty, J Morgan - Proceedings of the Linux ... - Citeseer

... However in some cases, such as direct I/O, asynchronous completion **notification** occurs directly

from ... cessing and continuing some parts of an I/O operation outside the **user's context** (eg, for ... 5.3

Preliminary results With the above-noted changes, we were able to **test** whether an ...

[Cited by 16](#) - [Related articles](#) - [View as HTML](#) - [All 19 versions](#)

Personalizing web-based information systems through context-aware user profiles

[\[PDF\] from it-sudparis.eu](#)

MK Pinheiro... - The Second International Conference on Mobile ..., 2008 - computer.org

... the user's preferences [4] [6]. However, often these works do not consider **user's context** or relate ...

WIS with wiki services, its designer may pre-define some content subclasses for **notification** purposes such ... For each profile, we **test** if one of its application contexts is a subset of the ...

Cited by 2 - [Related articles](#) - [All 5 versions](#)

[PDF] A Service-Oriented Middleware for Context-Aware Applications

[\[PDF\] from 130.89.10.12](#)

LOB da Silva, R Poortinga-van Wijnen, P ... - Proc. of the 5th ..., 2007 - 130.89.10.12

... The action (in this case, the **notification**) also depends on the **user's context**, for instance, if the ...

This allows ANS to **test** if the answer changed from TRUE to FALSE (the EnterFalse part of ... The **notification** is sent to John according to his **notification** preferences and current context. ...

Cited by 1 - [Related articles](#) - [View as HTML](#) - [All 6 versions](#)

Mobile contextual mashup service for IMS

[\[PDF\] from columbia.edu](#)

B Falchuk, K Sinkar, S Loeb, A ... - ... Services Architecture and ..., 2009 - ieeexplore.ieee.org

... In summary, the IMS testbed is a robust operational environment in our labs that allows us to create and **test** new and ... tasks (eg, "mail that package") and calendar appointment they are stored in PSP, 5) when the current **user context** indicates a proactive **notification** should be ...

Cited by 6 - [Related articles](#) - [All 5 versions](#)

A context model for context-aware system design towards the ambient intelligence vision: experiences in the eTourism domain

[\[PDF\] from unifi.it](#)

F Paganelli, G Bianchi, D Giuli - Universal Access in Ambient Intelligence ..., 2007 - Springer

... It subscribes to the CM in order to be notified when IM **user context** changes. **Notification** content is sent to the IM server in a Jabber XML stream (XML Stanza in the Jabber ... At present we are implementing the prototype system in order to **test** the Kamer eTourism application with ...

Cited by 16 - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

Automated context-aware service selection for collaborative systems

[\[PDF\] from psu.edu](#)

H Yu, S Reiff-Marganiec - Advanced Information Systems Engineering, 2009 - Springer

... vmin is the minimum value of all competitive services (if **user context** does not indicate a minimum value constraint, in which case that value is used). ... 3 evaluation cases for **notification** service selection scenarios. ... The **test** results are shown in Fig. ...

Cited by 3 - [Related articles](#) - [All 8 versions](#)

Design and Implementation of Context-Awareness Simulation Toolkit for Context learning

IS Kim, HM Park, YL Lee, SY Lee, HH ... - Sensor Networks, ..., 2006 - ieeexplore.ieee.org

... That is, we applied SPKI/SDSI to **test** if the created context information was valid information and if the application that called ... that connects real world with virtual world by sharing **user's context**[6]. It consists of ubi-UCAM for generating **user's context**, NAVER for ... event **Notification** ...

Cited by 13 - [Related articles](#) - [All 2 versions](#)

[PDF] Location and Profiling Issues for Personalised Mobile Communications

N Alonistioti, S Panagiotakis, M Koutsopoulou - 2006 - galileo.cs.telespazio.it

... The Remote Control Center (RCC): It provides the hosted **test** cases (namely the **Test Case** Customised ... the User Profile instance that better apply to the current **user context**. ... location of the user and upon entrance in or exit from a Home Zone an appropriate **notification** is sent ...

[Related articles](#) - [View as HTML](#)

Extensible **user context** system for delivery of notifications

TP McKee, FA Debry, CK Van Dok, RK ... - US Patent App. 10/ ..., 2003 - Google Patents

... ney docket number MSFT-1-20462, titled "System and Method Utilizing **Test** Notifications," filed ... the delivery of notifications from multiple sources and in accordance with a **user context**.

BACKGROUND OF THE INVENTION [0003] In computer systems, a **notification** may be in the ...

[All 7 versions](#)

[DOC] I-CareNet: Context-Aware Services for Emergency Situations of Elderly People

J Lee - cstp.umkc.edu

... capture the entire gamut of situations where the correlation between the **user context** and context ... automatically locate the related services of Ambulance Dispatch, First Aid, Family **Notification**, etc ... To **test** the effectiveness of the matching, we computed a desired context matching ...

[Related articles](#) - [View as HTML](#)

[\[DOC\] from umkc.edu](#)

PERSISTENT SEARCH NOTIFICATION

LS Harpur, P O'sullivan, CS Zimmet - US Patent App. 12/333,539, 2008 - Google Patents

... For example, a user is looking for information about **test** practices to be ... comprising: receiving user inputted topic search criteria; receiving user inputted **notification** criteria; receiving ... in response to the user inputted topic search criteria; determining **user context** information from ...

[All 2 versions](#)

[PDF] Towards Transparency in Pervasive Information Display: Possibilities for Attentionally-Managed Tactile Signals

KE MacLean - Citeseer

... When combined with realtime knowledge of **user context** and goals, haptic feedback can contribute to ... Event **notification**, or user monitoring of ongoing status, can be transmitted by specific haptic ... on dissimilarity data obtained by asking subjects to repeatedly sort **test** stimuli into ...

[Related articles](#) - [View as HTML](#) - [All 4 versions](#)

[\[PDF\] from psu.edu](#)

[PDF] Shopping in the Real World: Interacting with a Context-Aware Shopping Trolley

D Black, NJ Clemmensen, MB Skov - Citeseer

... Both the logger and the **test** leader wore audio recording devices to facilitate recording observations. ... CAST supports shoppers by sensing the **user's context** and, where necessary, acquiring the user's attention through a simple sound **notification**. 1) Task. ...

[Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[\[PDF\] from psu.edu](#)

Designing for All in Ambient Intelligence Environments: The Interplay of **User**, **Context**, and Technology

C Stephanidis - International Journal of Human-Computer ..., 2009 - informaworld.com

... Environments: The Interplay of **User**, **Context**, ... to the context of use in Aml are in need of extensive experimentation in order to **test** and compare ... they offer, ranging from "personal gadgets" (eg, wristwatches, bracelets, personal mobile displays and **notification** systems, health ...

[Related articles](#) - [All 2 versions](#)

Studying and tackling temporal challenges in mobile HCI

JE Fischer - Proceedings of the 28th of the international conference ..., 2010 - portal.acm.org
... limited to short episodes [9]. Mobility is also characterised by an ever-changing **user context**, which makes it ... figure 2. (1) A user is interrupted at opportune and random moments with a **notification**. ... with different tasks, for example to take a photo (3), in order to **test** for impact of ...

[Related articles](#)

Intelligent Interface Systems Utilizing User Context-Awareness

Y Kawahara, H Morikawa, T ... - Machine Learning and ..., 2007 - ieeexplore.ieee.org
... The browser is capable of sending the **user's context** information (which is allowed to send ... When the content **notification** module recognizes its good time to notify the user, the system sends client PC ... In this **test** bed, 4 kinds of sensor are used to produce 11 events: RFID is used ...

[Related articles](#)

[PDF] CAMAC subsystem and user context utilities in ngdp framework

[\[PDF\] from arxiv.org](#)

AY Isupov - Arxiv preprint arXiv:1004.4482, 2010 - arxiv.org
... 4) graph in the kernel from the **user context**, possible advancements for the netgraph(4) itself, **test** and debug ... 2), select(2) / poll(2) system calls like usual UNIX devices do1. When the **user context** process performs ... close accept()ing ng_ksocket at EOF **notification** obtaining or ...

[Related articles](#) - [View as HTML](#) - [All 5 versions](#)

Atomate it! end-user context-sensitive automation using heterogeneous information sources on the web

[\[PDF\] from soton.ac.uk](#)

M Van Kleek, B Moore, DR Karger, P ... - Proceedings of the 19th ..., 2010 - portal.acm.org
... End-**user Context**-Sensitive Automation using ... the world model (if they have a "set" clause, described in Section 4.3), trigger a message or **notification** to be ... Study 2: Rule Creation - This study was designed to **test** our hypothesis that a constrained natural language input interface ...

[Related articles](#) - [All 7 versions](#)

Mobile Context-Aware Personal Messaging Assistant

... , D Madamanchi, S Kommaraju, M Griss - ... , and Services: First ..., 2010 - books.google.com
... The mobile device periodically sends **user context** information to the server via http; and also receives selected ... In one direction, the PEA uses the cal-endar agents, the **notification** agents and the PA to ... Each rule performs a **test** on the email and attaches a weight to the email. ...

[Related articles](#)

[PDF] Evolutionary Systems

[\[PDF\] from psu.edu](#)

K Kawamura, J Hamard, R Hirschfeld, A Minokuchi, B ... - Citeseer
... of software based on web services, and we have implemented it in the **test** environment ... so-called **notification** technologies (description of user scenarios, system requirements, and **notification** algo- rithms ... The feeling and attention of the user are important aspects of **user context**. ...

[Related articles](#) - [View as HTML](#) - [All 4 versions](#)

The information logistics approach toward a user demand-driven information supply

W Deiters, T Löffeler, S ... - Cross-Media Service ..., 2003 - books.google.com

... This point in time/or time interval, of course, depends on the **user's context**, but also on periods of validity for information that ... First there is the **notification** that an event occurred; ... Additionally the service had to be refined during a field **test** phase conducted in 2002 with 3000 users ...

[Cited by 21](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

End-User Driven Service Creation for Converged Service of Telecom and Internet

Y Shin, C Yu, S Chung, S Kim - The Fourth Advanced International ..., 2008 - computer.org

... The **test** bed provides a **test** bed for open network architecture, which consists of ... ontology technology but also a service execution environment based on **user context** and user ... creation world : Concepts for user centric service creation, personalization and **notification**", 16th IST ...

[Cited by 5](#) - [Related articles](#) - [All 4 versions](#)

[PDF] Frameworks and patterns for synchronous groupware: AMF-C approach

[\[PDF\] from psu.edu](#)

F Tarpin-Bernard, BT David, P Primet - Proceedings of the IFIP Tc2/Tc13 Wg2 - Citeseer

... These patterns are supposed to describe recurring solutions that have stood the **test** of time. ... It also implements **notification** protocols and provides access control mechanisms. ... 5 In a multi-**user context**, an application must be able to notify each action of one user to the other ...

[Cited by 39](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[PDF] An HTTP-based Context Negotiation Model for Realizing the User-Aware Web

[\[PDF\] from psu.edu](#)

Jl Vázquez, D López de Ipiña - ... on Innovations In Web Infrastructure (IWI ..., 2005 - Citeseer

... be fulfilled only if present, but it can be ignored if the service provider is not able to **test** it ... The most remarkable phases within this negotiation process involve **notification** of domains of knowledge about profiles, profile transmission and service adaptation ... **User-Context** established ...

[Cited by 4](#) - [Related articles](#) - [View as HTML](#) - [All 5 versions](#)

[doc] Teaching Information Systems Development with SMS

[\[DOC\] from heacademy.ac.uk](#)

C Wallace - ics.heacademy.ac.uk

... Within the CEMS faculty, students can enrol in a **notification** service which will text alerts about class cancellation. 3.2 2-way SMS. ... By contrast a browser-based application is much more difficult to place in a **test** framework. ... 5.5 Challenging **user context**. ...

[Related articles](#) - [View as HTML](#) - [All 3 versions](#)

[PDF] Decision improvement through multi-Criteria strategies in mobile location-based services

[\[PDF\] from ucsb.edu](#)

B Bäumer, I Panov, M Raubal - Geospatial Crossroads@ GI_Forum ..., 2007 - geog.ucsb.edu

... MLBS increasingly provide assistance in decision support based upon the **user's context** (RINNER and ... All steps provide additional explanation displayed in a **notification** event triggered by clicking on ... The **test** data set was limited to three criteria: average price, private bath, and ...

[Cited by 3](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

Method for translating an object attribute converter in an information services patterns environment

MK Bowman-Amuah - US Patent 6,529,909, 2003 - Google Patents

... US Patent US 6,529,909 BI Mar. 4, 2003 Sheet 1 of 123 Page 3. US Patent Mar. 4, 2003 Sheet 2 of 123 US 6,529,909 BI 200 *■ Analyze Design Model & **Test** Build Operate & Evolve 202 204 206 208 210 Tacit Knowledge of the System Components and Interrelationships Fig. ...

Cited by 151 - Related articles - All 2 versions

[PDF] Analyzing the Effects of Spoken Dialog Systems on Driving Behavior

[PDF] from psu.edu

J Ko, F Murase, T Mitamura, E Nyberg, M ... - LREC 2006 ..., 2006 - Citeseer

... A baseline **test** was conducted with eleven out of the sixteen subjects for five minutes ... Task Description Task 1: **User context**. ... When the participant selected a restaurant that did not satisfy the search conditions, the system provided a **notification** and returned to the original search ...

Cited by 3 - Related articles - View as HTML - All 9 versions

Naturalistic use of cell phones in driving and context-based user assistance

H Zhang, C Schreiner, K Zhang, K ... - Proceedings of the 9th ..., 2007 - portal.acm.org

... own phone, and had all calls from their personal phone forwarded to the **test** phone. ... Cell phones provide security (eg, calling 911) and convenience (eg, **notification** of late arrival) for ... This may be made more intelligent by leveraging more on-line information and **user context**. ...

Cited by 2 - Related articles

Murshid: A mobile tourist companion

A Ehtibi, MJ Zemerly, J Berri - ... of the 1st International Workshop on ..., 2009 - portal.acm.org

... 3.1 Contextual Elements The application senses the **user context**, analyzes it, and provides guidance ... The **notification** is given according to the current date, weather status, events information, and ... scenarios that can be encountered, this paper includes only major **test** scenarios. ...

Cited by 2 - Related articles

Seamless application interface manager

AC Pizi, P Kanevsky - US Patent 5,878,258, 1999 - Google Patents

Page 1. US005878258A United States Patent Pizi et al. [ii] Patent Number: 5,878,258

[45] Date of Patent: *Mar. 2, 1999 [54] SEAMLESS APPLICATION INTERFACE

5,546,541 8/1996 Drew et al. MANAGER 5,764,985 6/1998 ...

Cited by 34 - Related articles - All 5 versions

Message and user attributes in a message filtering method and system

SW Worrell, SK Rogers, M Kabrisky, P ... - US Patent 6,778,941, 2004 - Google Patents

... If the **test** statistic exceeds the threshold, the incoming message is passed by the filtering system and may be displayed to the user. ... **User context** is obtained by monitoring various aspects of the user's computational and physical environment. ...

Cited by 16 - Related articles - All 2 versions

Third-party-initiated Context-aware Real-time Charging and Billing on an Open SOA Platform

FC Bormann, S Flake, J Tacken, C ... - ... Workshops, 2008. AINAW ..., 2008 - ieeexplore.ieee.org

... time the Charging Service is called, a thresh- old manager checks if a **notification** needs to ... A

context-aware Latest News Service was selected to **test** the feasibility of our enabling ... The service basically provides news depend- ing on the **user context** (location, time, weather, etc.). ...

[Cited by 2](#) - [Related articles](#) - [All 3 versions](#)

Context-aware multimedia provisioning for pervasive games

[\[PDF\] from psu.edu](#)

D Linner, F Kirsch, I Radusch, S ... - Multimedia, Seventh ..., 2005 - ieeexplore.ieee.org

... If no media of a suitable type is found (ie which matches the **user context**), the service ... When an update **notification** is received, the client downloads the new tiles from the media service ... **Test** users were on their way solely on foot, so walking distance between the hotspots was ...

[Cited by 11](#) - [Related articles](#) - [All 9 versions](#)

Adapting applications in handheld devices using fuzzy context information

[\[PDF\] from psu.edu](#)

J Mäntyjärvi, T Seppänen - Interacting with Computers, 2003 - Elsevier

... Applications can be controlled according to **user context** by adjusting various features, such as font size, spatial resolution, size of images, colors and contrast of images shown on a display, and volume and tunes of operating sounds. ...

[Cited by 37](#) - [Related articles](#) - [All 8 versions](#)

CATS: Context-Aware Triggering System for Next Generation Networks

J Simoes, J Goncalves, T Mota, T Magedanz - Wireless and Mobile ..., 2009 - Springer

... or "cloud computing" vision, allowing services to be composed and customized according to **user context** [1]. Combining ... When the session enabler receives a **notification** to start a media session with the user ... In order to **test** the concept proposed on this paper, a prototype of the ...

[Related articles](#) - [All 3 versions](#)

A context system for a mobile service platform

F Hohl, L Mehrmann, A Hamdan - Trends in Network and Pervasive ..., 2002 - Springer

... To verify the services and the platform a field **test** will be conducted in Norway ... To insert **user context** data that exists in the service portal for administrative reasons (eg user profile data and the ... This **notification** can be sent to any device of this person, a mobile phone, a PDA, a car ...

[Cited by 17](#) - [Related articles](#) - [BL Direct](#) - [All 5 versions](#)

Linking in context

[\[PDF\] from psu.edu](#)

SR El-Beltagy, W Hall, D De Roure, L ... - Proceedings of the 12th ..., 2001 - portal.acm.org

... 2. The propagation of links to users based on user interests (which within this work define **user context**) 3. The ... A data set of 196 documents was used to **test** the algorithm. ... A good way of achieving both goals is to request **notification** about Web pages that users have found ...

[Cited by 65](#) - [Related articles](#) - [All 27 versions](#)

Context-Aware Dialog Strategies for Multimodal Mobile Dialog Systems

J Ko, F Murase, T Mitamura, E Nyberg, M Tateishi, I ... - Journal on AAI, 2006 - aaai.org

... for an interruption, new information provided by the system may overwrite the current **user context**, eg, by ... As a baseline **test**, the same experiments were done in the laboratory environment. ... that did not satisfy the search conditions, the system provided a **notification** and returned ...

[Cited by 3](#) - [Related articles](#) - [All 2 versions](#)

A Federated Broker Architecture for Large Scale Context Dissemination

SL Kiani, M Knappmeyery, N Baker, B ... - 2010 10th IEEE ..., 2010 - computer.org

... increased capability of mobile devices allows for the realisation of complex usage sce- narios as more **user context** can be ... where ni is the attribute name, opi is a **test** operator and Ci is a set of constants ... If a **notification** does not contain attribute named ni then yi evaluates to false ...

[Related articles](#)

[PDF] A context-aware e-tourism application enabling collaboration and knowledge exchange among tourists

[\[PDF\] from unifi.it](#)

F Paganelli, G Bianchi, V Melani - Exploiting the Knowledge ..., 2006 - radar.det.unifi.it

... by enhancing traditional communication and presence features of instant messaging with **user context** awareness to ... **Notification** content is translated into the Jabber xml vocabulary and sent to the IM ... present we are implementing the prototype system in order to **test** the Kamer ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

Bayesian network based behavior prediction model for intelligent location based services

C Wenzhi, F Zhenzhu - ... , Proceedings of the 2nd IEEE/ASME ..., 2007 - ieeexplore.ieee.org

... Six important **user context**-aware information entries which have crucial effects on prediction result are ... of LBS is called Spatial Event (SE), which is the unique criterion for **notification** operation ... Additionally, we design another **test** case whose sensitivity radius of ZOI is 150 meter ...

[Cited by 4](#) - [Related articles](#)

Context-aware processing Of mobile device sensor information: car accident detection hosted service

A Cadenas, JM Gonzalez, OM ... - ... Conference, 2009. CCNC ..., 2009 - ieeexplore.ieee.org

... a non-simulated platform that includes both an accelerometer and a GPS module to **test** the full ... Include an intermediate **notification** to a ... An extensible and configurable framework for **user context** awareness services in pervasive computing systems," Wireless Communications ...

[Related articles](#) - [All 2 versions](#)

A Flexible Architecture for Context-Aware Physical Hypermedia

[\[PDF\] from unlp.edu.ar](#)

C Challiol, A Fortier, S Gordillo, G Rossi - 2007 - computer.org

... A context feature is a part of the application context (including the **user context**) that is ... The aware object that observes the feature will receive this **notification** and it will notify all ... The prototype to **test** our architecture has been implemented in VisualWorks Smalltalk, which runs on ...

[Cited by 2](#) - [Related articles](#) - [All 7 versions](#)

[PDF] Kaladhar Rajoori

[\[PDF\] from wvu.edu](#)

YV Reddy - 2006 - eidr.wvu.edu

... Our main goal is to develop the EkSarva PIA, EkSarva **test** model and build a proto-type upon which future work can be done. ... 21 3.3 Use/**Test** Cases 23 ...

[View as HTML](#) - [All 2 versions](#)

Experiments on mobile context-aware instant messaging

M Perttunen, J Rieki, K Koskinen, ... - ... and Systems, 2005. ..., 2005 - ieeexplore.ieee.org

... We strive to identify the needs for, and further requirements of such systems by analyzing the results of a week-long user **test** period, conducted in an everyday working environment. ... In MCW, the **user's context** and awareness [1] of context of other users becomes important. ...

[Cited by 4](#) - [Related articles](#) - [All 4 versions](#)

Piecemeal retrieval in an information services patterns environment

MK Bowman-Amuah - US Patent 6,550,057, 2003 - Google Patents

... 15, 2003 Sheet 1 of 123 Page 3. US Patent Apr. 15, 2003 Sheet 2 of 123 US 6,550,057 BI 200

Model & **Test** Operate & Evolve 210 • Analyze 202 Design 204 Build 208 206 L . i ■ r ■ T

Tacit Knowledge of the System Components and Interrelationships Fig. ...

[Cited by 103](#) - [Related articles](#) - [All 2 versions](#)

[PDF] The Enhancement of a User-level Thread Package Scheduling on Multiprocessors

[\[PDF\] from psu.edu](#)

M Gil, X Martorell, N Navarro - 1994 - Citeseer

... routine can decrease the cthread priority to the minimum value and can suggest a **user context** switch (cthread_hint()). ... working with spin locks, it is possible to modify the spin_lock() routine to **test** for the ... A new kernel call sets a one shot or at fixed intervals **notification** to the user ...

[Cited by 5](#) - [Related articles](#) - [View as HTML](#) - [All 15 versions](#)

Techniques and System to Monitor and Log Access of Information Based on System and User Context Using Policies

K Lim - US Patent App. 11/928,716, 2007 - Google Patents

... 6,2008 (54) TECHNIQUES AND SYSTEM TO MONITOR AND LOG ACCESS OF INFORMATION

BASED ON SYSTEM AND **USER CONTEXT** USING POLICIES (75) Inventor: Keng Lim, Atherton,

CA (US) Correspondence Address: AKA CHAN LLP 900 LAFAYETTE STREET ...

[All 2 versions](#)

Automated Context-Aware Service Selection for Collaborative Systems

HQYS Reiff-Marganec - ... , the Netherlands, June 8-12, 2009, ..., 2009 - books.google.com

... In detail the context-aware criteria consists of data from the service profile as well as data from the **user context**. ... Evaluation results for increasing numbers of services with a fixed number of criteria
3 evaluation cases for **notification** service selection ... The **test** results are shown in Fig. ...

[Related articles](#)


[PDF] Adding scheduler activations to Mach 3.0

[\[PDF\] from psu.edu](#)

P Barton-Davis, D McNamee, R Vaswani, ED ... - Proceedings of the ..., 1993 - Citeseer

... As this design implies, our system consists of three components: A set of kernel modifications implementing basic mechanisms, such as event **notification**. ... In the scheduler activations model, certain kernel events dictate that a **notification** be sent to the task. ...

[Cited by 25](#) - [Related articles](#) - [View as HTML](#) - [All 21 versions](#)

 [Create email alert](#)

Go o o o o o o o o o o g l e ►

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

test and notification and "user context"

Search

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2010 Google